Abstract

A program execution time determining portion determines an execution start time and a processing volume per unit time of a program in such a manner that a processing volume necessary to execute the program is made equal to the extent that registered request for the execution time and allowable range are met. It is thus possible to determine the execution time of the program in such a manner that a necessary processing volume is made as equal as possible within the allowable range of the request for the execution time of the program, which enables clock control that suppresses a variation of the operating frequency of the CPU. Power consumption of the CPU can be thus reduced.